



IFWO

RAW SEQUENCE LISTING

DATE: 09/28/2004

PATENT APPLICATION: US/10/764,415A

TIME: 10:57:41

Input Set : A:\P11073us seq list updated.ST25.txt

Output Set: N:\CRF4\09282004\J764415A.raw

5 <110> APPLICANT: Lorantis Ltd.
 9 <120> TITLE OF INVENTION: Modulations of Notch signalling for use in Immunotherapy
 13 <130> FILE REFERENCE: P011073US
 17 <140> CURRENT APPLICATION NUMBER: 10/764,415A
 C--> 19 <141> CURRENT FILING DATE: 2004-01-23
 23 <150> PRIOR APPLICATION NUMBER: GB0118153.6
 25 <151> PRIOR FILING DATE: 2001-07-01
 29 <150> PRIOR APPLICATION NUMBER: GB0207930.9
 31 <151> PRIOR FILING DATE: 2002-04-05
 35 <150> PRIOR APPLICATION NUMBER: GB0212283.6
 37 <151> PRIOR FILING DATE: 2002-05-28
 41 <150> PRIOR APPLICATION NUMBER: GB0212282.8
 43 <151> PRIOR FILING DATE: 2002-05-28
 47 <160> NUMBER OF SEQ ID NOS: 40
 51 <170> SOFTWARE: PatentIn version 3.0
 55 <210> SEQ ID NO: 1
 57 <211> LENGTH: 43
 59 <212> TYPE: PRT
 61 <213> ORGANISM: Artificial
 65 <220> FEATURE:
 67 <223> OTHER INFORMATION: DSL domain consensus
 69 <220> FEATURE:
 71 <221> NAME/KEY: MISC_FEATURE
 73 <222> LOCATION: (2)..(9)
 75 <223> OTHER INFORMATION: N is any amino acid residue
 79 <220> FEATURE:
 81 <221> NAME/KEY: MISC_FEATURE
 83 <222> LOCATION: (11)..(13)
 85 <223> OTHER INFORMATION: N is any amino acid residue
 89 <220> FEATURE:
 91 <221> NAME/KEY: MISC_FEATURE
 93 <222> LOCATION: (15)..(25)
 95 <223> OTHER INFORMATION: N is any amino acid residue
 99 <220> FEATURE:
 101 <221> NAME/KEY: MISC_FEATURE
 103 <222> LOCATION: (27)..(33)
 105 <223> OTHER INFORMATION: N is any amino acid residue
 109 <220> FEATURE:
 111 <221> NAME/KEY: MISC_FEATURE
 113 <222> LOCATION: (35)..(42)
 115 <223> OTHER INFORMATION: N is any amino acid residue
 119 <400> SEQUENCE: 1
 W--> 121 Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa

Does Not Comply
Corrected Diskette Needed

(pg. 5-6) ↗

RAW SEQUENCE LISTING

DATE: 09/28/2004

PATENT APPLICATION: US/10/764,415A

TIME: 10:57:41

Input Set : A:\P11073us seq list updated.ST25.txt

Output Set: N:\CRF4\09282004\J764415A.raw

```

122 1          5          10          15
124 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa
125          20          25          30
127 Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys
128          35          40
130 <210> SEQ ID NO: 2
132 <211> LENGTH: 43
134 <212> TYPE: PRT
136 <213> ORGANISM: Artificial
140 <220> FEATURE:
142 <223> OTHER INFORMATION: DSL consensus
144 <220> FEATURE:
146 <221> NAME/KEY: MISC_FEATURE
148 <222> LOCATION: (2)..(4)
150 <223> OTHER INFORMATION: X is any amino acid residue
154 <220> FEATURE:
156 <221> NAME/KEY: MISC_FEATURE
158 <222> LOCATION: (5)..(6)
160 <223> OTHER INFORMATION: X is any aromatic amino acid residue
164 <220> FEATURE:
166 <221> NAME/KEY: MISC_FEATURE
168 <222> LOCATION: (7)..(9)
170 <223> OTHER INFORMATION: X is any amino acid residue
174 <220> FEATURE:
176 <221> NAME/KEY: MISC_FEATURE
178 <222> LOCATION: (11)..(13)
180 <223> OTHER INFORMATION: X is any amino acid residue
184 <220> FEATURE:
186 <221> NAME/KEY: MISC_FEATURE
188 <222> LOCATION: (15)..(15)
190 <223> OTHER INFORMATION: X is any basic amino acid residue
194 <220> FEATURE:
196 <221> NAME/KEY: MISC_FEATURE
198 <222> LOCATION: (16)..(16)
200 <223> OTHER INFORMATION: X is any non polar amino acid residue
204 <220> FEATURE:
206 <221> NAME/KEY: MISC_FEATURE
208 <222> LOCATION: (17)..(17)
210 <223> OTHER INFORMATION: X is any basic amino acid residue
214 <220> FEATURE:
216 <221> NAME/KEY: MISC_FEATURE
218 <222> LOCATION: (18)..(19)
220 <223> OTHER INFORMATION: X is Asp, Asn, Glu or Gln
224 <220> FEATURE:
226 <221> NAME/KEY: MISC_FEATURE
228 <222> LOCATION: (20)..(20)
230 <223> OTHER INFORMATION: X is any amino acid residue
234 <220> FEATURE:
236 <221> NAME/KEY: MISC_FEATURE

```

RAW SEQUENCE LISTING

DATE: 09/28/2004

PATENT APPLICATION: US/10/764,415A

TIME: 10:57:41

Input Set : A:\P11073us seq list updated.ST25.txt

Output Set: N:\CRF4\09282004\J764415A.raw

```

360 <223> OTHER INFORMATION: X is any amino acid residue
364 <400> SEQUENCE: 2
W--> 366 Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa
367 1          5          10          15
369 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
370          20          25          30
372 Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys
373          35          40
375 <210> SEQ ID NO: 3
377 <211> LENGTH: 43
379 <212> TYPE: PRT
381 <213> ORGANISM: Artificial
385 <220> FEATURE:
387 <223> OTHER INFORMATION: DSL consensus
389 <220> FEATURE:
391 <221> NAME/KEY: misc_feature
393 <222> LOCATION: (2)..(4)
395 <223> OTHER INFORMATION: X is any amino acid residue
399 <220> FEATURE:
401 <221> NAME/KEY: misc_feature
403 <222> LOCATION: (7)..(9)
405 <223> OTHER INFORMATION: X is any amino acid residue
409 <220> FEATURE:
411 <221> NAME/KEY: misc_feature
413 <222> LOCATION: (11)..(13)
415 <223> OTHER INFORMATION: X is any amino acid residue
419 <220> FEATURE:
421 <221> NAME/KEY: misc_feature
423 <222> LOCATION: (18)..(18)
425 <223> OTHER INFORMATION: X is either aspartic acid or asparagine
429 <220> FEATURE:
431 <221> NAME/KEY: misc_feature
433 <222> LOCATION: (20)..(20)
435 <223> OTHER INFORMATION: X is any amino acid residue
439 <220> FEATURE:
441 <221> NAME/KEY: misc_feature
443 <222> LOCATION: (24)..(25)
445 <223> OTHER INFORMATION: X is any amino acid residue
449 <220> FEATURE:
451 <221> NAME/KEY: misc_feature
453 <222> LOCATION: (27)..(29)
455 <223> OTHER INFORMATION: X is any amino acid residue
459 <220> FEATURE:
461 <221> NAME/KEY: misc_feature
463 <222> LOCATION: (31)..(33)
465 <223> OTHER INFORMATION: X is any amino acid residue
469 <220> FEATURE:
471 <221> NAME/KEY: misc_feature
473 <222> LOCATION: (35)..(36)

```

RAW SEQUENCE LISTING

DATE: 09/28/2004

PATENT APPLICATION: US/10/764,415A

TIME: 10:57:41

Input Set : A:\P11073us seq list updated.ST25.txt

Output Set: N:\CRF4\09282004\J764415A.raw

475 <223> OTHER INFORMATION: X is any amino acid residue
 479 <220> FEATURE:
 481 <221> NAME/KEY: misc_feature
 483 <222> LOCATION: (39)..(39)
 485 <223> OTHER INFORMATION: X is any amino acid residue
 489 <220> FEATURE:
 491 <221> NAME/KEY: misc_feature
 493 <222> LOCATION: (40)..(42)
 495 <223> OTHER INFORMATION: X is any amino acid residue
 499 <400> SEQUENCE: 3
 W--> 501 Cys Xaa Xaa Xaa Tyr Tyr Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Arg Pro
 502 1 5 10 15
 504 Arg Xaa Asp Xaa Phe Gly His Xaa Xaa Cys Xaa Xaa Xaa Gly Xaa Xaa
 505 20 25 30
 507 Xaa Cys Xaa Xaa Gly Trp Xaa Gly Xaa Xaa Cys
 508 35 40
 510 <210> SEQ ID NO: 4
 512 <211> LENGTH: 175
 514 <212> TYPE: PRT
 516 <213> ORGANISM: Artificial
 520 <220> FEATURE:
 522 <223> OTHER INFORMATION: EGF-like domain
 524 <220> FEATURE:
 526 <221> NAME/KEY: MISC_FEATURE
 528 <222> LOCATION: (1)..(4)
 530 <223> OTHER INFORMATION: X is any amino acid
 534 <220> FEATURE:
 536 <221> NAME/KEY: MISC_FEATURE
 538 <222> LOCATION: (6)..(54)
 540 <223> OTHER INFORMATION: X is any amino acid
 544 <220> FEATURE:
 546 <221> NAME/KEY: VARIANT
 548 <222> LOCATION: (6)..(54)
 550 <223> OTHER INFORMATION: Any of residues 6 -52 may be present or absent
 554 <220> FEATURE:
 556 <221> NAME/KEY: MISC_FEATURE
 558 <222> LOCATION: (54)..(66)
 560 <223> OTHER INFORMATION: X is any amino acid
 564 <220> FEATURE:
 566 <221> NAME/KEY: VARIANT
 568 <222> LOCATION: (57)..(66)
 570 <223> OTHER INFORMATION: Any of residues 57-66 may be present or absent
 574 <220> FEATURE:
 576 <221> NAME/KEY: MISC_FEATURE
 578 <222> LOCATION: (68)..(137)
 580 <223> OTHER INFORMATION: X is any amino acid
 584 <220> FEATURE:
 586 <221> NAME/KEY: VARIANT
 588 <222> LOCATION: (69)..(137)

Cys is at location 54. Pls see page 6.

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

<400> 4

Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
35 40 45

Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
50 55 60



RAW SEQUENCE LISTING ERROR SUMMARY
 PATENT APPLICATION: US/10/764,415A

DATE: 09/28/2004
 TIME: 10:57:42

Input Set : A:\P11073us seq list updated.ST25.txt
 Output Set: N:\CRF4\09282004\J764415A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. ~~1,2,3,4,5,6,7,8,9,11,12,13,15,16,17,18,19,20,21,22,23,24,25~~
 Seq#:1; Xaa Pos. ~~27,28,29,30,31,32,33,35,36,37,38,39,40,41,42~~
 Seq#:2; Xaa Pos. ~~2,3,4,5,6,7,8,9,11,12,13,15,16,17,18,19,20,21,22,23,24,25~~
 Seq#:2; Xaa Pos. ~~27,28,29,30,31,32,33,35,36,37,38,39,40,41,42~~
 Seq#:3; Xaa Pos. ~~2,3,4,7,8,9,11,12,13,15,16,17,18,19,20,21,22,23,24,25,27,28,29,31,32,33,35,36~~
 Seq#:3; Xaa Pos. ~~39,41,42~~
 Seq#:4; Xaa Pos. ~~1,2,3,4,5,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23~~
 Seq#:4; Xaa Pos. ~~24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42~~
 Seq#:4; Xaa Pos. ~~43,44,45,46,47,48,49,50,51,52,53,55,56,57,58,59,60,61,62~~
 Seq#:4; Xaa Pos. ~~63,64,65,66,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82~~
 Seq#:4; Xaa Pos. ~~83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101~~
 Seq#:4; Xaa Pos. ~~102,103,104,105,106,107,108,109,110,111,112,113,114,115~~
 Seq#:4; Xaa Pos. ~~116,117,118,119,120,121,122,123,124,125,126,127,128,129~~
 Seq#:4; Xaa Pos. ~~130,131,132,133,134,135,136,137,139,140,141,142,143,144~~
 Seq#:4; Xaa Pos. ~~146,147,150,151,152,153,154,155,156,157,158,159,160,161~~
 Seq#:4; Xaa Pos. ~~162,163,164,165,166,167,168,169,170,172,173,175~~
 Seq#:39; Xaa Pos. 891

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
 per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17

VERIFICATION SUMMARY

DATE: 09/28/2004

PATENT APPLICATION: US/10/764,415A

TIME: 10:57:42

Input Set : A:\P11073us seq list updated.ST25.txt

Output Set: N:\CRF4\09282004\J764415A.raw

L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
M:341 Repeated in SeqNo=1
L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
M:341 Repeated in SeqNo=2
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
M:341 Repeated in SeqNo=3
L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
M:341 Repeated in SeqNo=4
L:2565 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:880